programs comprising a parser for object interface information;

an object factory for instantiating objects encapsulating said object interface information without translating the object definition information, said objects having predefined interfaces defined in CORBA IDL; and

a root encapsulator object for resolving object definition name information into an object reference for an encapsulator object corresponding to an object definition type.

19. (Amended) A computer readable medium comprising digital data, said digital data comprising:

one or more software objects, said software objects comprising at least one interface defined in a first notation for manipulating an object having an interface at least partially defined in a second notation without translating the at least partial definition from the second notation into the first notation, said second notation being different from said first notation, wherein the first notation comprises CORBA IDL and the second notation comprises ASN.1.

Please add the following claim:

22. (New) A method of constructing an object invocation comprising the steps of:

instantiating an object collection of objects corresponding to rules specifying the syntax of said object invocation;

receiving information of the content of the object invocation; and

correlating the information of the content of the object invocation with one or more objects of the object collection to construct the invocation.